

**FORM PTO-1082**  
**TRANSMITTAL FOR NEW U.S. PATENT APPLICATION**

Assistant Commissioner  
for Patents  
Washington, D.C. 20231

**BOX APPLICATIONS**

11011 U.S. PTO  
09/20/28  
08/03/01

Re: New U.S. Patent Application  
For: SYRINGE PUMPS  
Inventor(s): Robert James TRIBE  
Chris PICKLES  
Attorney Docket: 0100/0131

Sir:

Attached hereto is the application identified above, including 8 pages of textual specification including 10 claims, and 1 sheet of drawing.

The Government filing fee is calculated as follows:

(Col 1)		(Col 2)		(Col 3)	SMALL ENTITY		OR	NON-SMALL ENTITY	
	NO. FILED			NO. EXTRA	RATE	FEE		RATE	FEE
TOTAL	10	minus	20		x9=	0		x18=	\$
INDEP	4	minus	3	1	x40=	0		x80=	\$
_ First Presentation, Multiple Dependent Claims					+135=	0		+270=	\$
Base Filing Fee						\$355			\$710
TOTAL FILING FEE* (accounting for possible small entity status)						\$	OR TOTAL		\$

☐ \*Reduced by one-half, as applicant(s) is/are a "small entity". A Declaration Claiming Small Entity Status:

- ☐ is filed herewith;  
☐ will be filed at a later date;  
☐ was filed in the parent application.

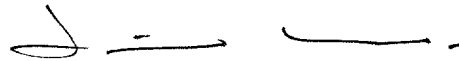
☒ Foreign priority is claimed under 35 U.S.C. § 119 from Patent Application No. 0020060.0 filed in Great Britain on August 16, 2000.

- ☐ Priority document(s) will be submitted at a later date.  
☒ Priority document(s) is/are submitted herewith.

☐ There is no claim to foreign priority under 35 U.S.C. § 119.

- [ ] Executed Declaration(s) is/are submitted herewith.
- [XX] Executed Declaration(s) will be submitted at a later date pursuant to 37 CFR § 1.41 and § 1.53, with an appropriate surcharge under 37 CFR § 1.16(e).
- [XX] Formal drawing(s) is/are attached.
- [ ] Formal drawing(s) will be submitted at a later date.
- [ ] An Information Disclosure Statement, PTO-1449 and reference(s) cited therein is/are submitted.
- [ ] Assignment document(s) is/are submitted herewith, along with Form PTO-1595; the recordation fee of \$40.00 per document is enclosed herewith.
- [ ] A check in the amount of \$ is enclosed. The Commissioner is hereby authorized to charge any deficiency under 37 CFR §§ 1.16 or 1.17, or credit any overpayment, to Deposit Account No. 50-0501. A duplicate copy of this form is attached.
- [XX] No payment is enclosed at this time. Full payment will be made when the executed Declaration is submitted.
- [XX] The Commissioner is hereby authorized to charge any fee deficiency, except the filing fee, *during the entire pendency of the present application*, or credit any overpayment, to Deposit Account No. 50-0501. A duplicate copy of this Form is enclosed.

Respectfully submitted,



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Phone: (703) 522-8872

Date: Aug 3 2001

Figure 1 consists of 12 sub-graphs, labeled (a) through (l), arranged vertically. Each graph plots a physiological parameter against time (0 to 10 minutes). The parameters are: (a) HR (b/min), (b) SV (ml), (c) CO (l/min), (d) MAP (mmHg), (e) PVR (mmHg), (f) SVR (mmHg), (g) PPA (mmHg), (h) PVP (mmHg), (i) PVP/PPA, (j) PVP/PPA, (k) PVP/PPA, and (l) PVP/PPA. Each graph shows a baseline value and a response to a stimulus, with error bars indicating standard error.

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Figure 1 consists of 12 sub-graphs, labeled (a) through (l), arranged in a 6x2 grid. Each graph plots a physiological parameter on the y-axis against time on the x-axis, ranging from 0 to 10 minutes. The parameters are: (a) HR (b/min), (b) SV (ml), (c) CO (l/min), (d) MAP (mmHg), (e) PVR (mmHg), (f) SVR (mmHg), (g) PVR/SVR ratio, (h) PVR (mmHg), (i) SVR (mmHg), (j) PVR/SVR ratio, (k) PVR (mmHg), and (l) SVR (mmHg). Each graph shows a baseline value and a response to a stimulus, with error bars indicating standard error.

Date: Aug 3 2001